Calculus I Topic Priority (based on Stewart's Essential Calculus, Early Transcendentals, 2nd edition)

Section	Topic	Can be	Should be	Time
Section		skipped	skipped	Spent
	Precalculus Review			2 days
1.1	Functions and Their Representations			.5 day
1.2	A Catalog of Essential Functions			.5 day
1.3	The Limit of a Function			1-2 days
1.4	Calculating Limits			1-2 days
1.5	Continuity			1 day
1.6	Limits Involving Infinity			1-2 days
2.1	Derivatives and Rates of Change			.5-1 day
2.2	The Derivative as a Function			1 day
2.3	Basic Differentiation Formulas			1 day
2.4	The Product and Quotient Rules			1 day
2.5	The Chain Rule			2 days
2.6	Implicit Differentiation			1 day
2.7	Related Rates			1.5 days
2.8	Linear Approximations and Differentials			.5-1.5 days
3.1	Exponential Functions			.5 day
3.2	Inverse Functions and Logarithms			.5 day
3.3	Derivatives of Logarithmic and Exponential Functions			1 day
3.4	Exponential Growth and Decay	yes		0.5-1 day
3.5	Inverse Trigonometric Functions			1 day
3.6	Hyperbolic Functions	yes		0-1 day
3.7	Indeterminate Forms and l'Hospital's Rule			1.5 days
4.1	Maximum and Minimum Values			1 day
4.2	The Mean Value Theorem			1 day
4.3	Derivatives and the Shapes of Graphs			1 day
4.4	Curve Sketching			1-2 days
4.5	Optimization Problems			1-2 days
4.6	Newton's Method	yes		0.25-1 day
4.7	Antiderivatives			1-2 days
5.1	Areas and Distances			1 day
5.2	The Definite Integral			1-1.5 days
5.3	Evaluating Definite Integrals			1.5-2 days
5.4	The Fundamental Theorem of Calculus			.5-1 day
5.5	The Substitution Rule			2 days